

02-03-05

1634/\$

PTG/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	09/869,554
		Filing Date	December 23, 1999
		First Named Inventor	Anna Orlefors
		Art Unit	1634
		Examiner Name	S. A. Sakelaris
Total Number of Pages in This Submission		Attorney Docket Number	HO-P02216US0

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form  <input checked="" type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Reply to Missing Parts/Incomplete Application  <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____  <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Return Receipt Postcard Check in the amount of \$180 I
<div>Remarks</div>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

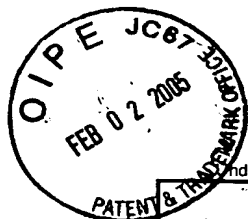
Firm Name	FULBRIGHT & JAWORSKI L.L.P.		
Signature			
Printed name	Melissa W. Acosta		
Date	February 2, 2005	Reg. No.	45,872

**Transmittal**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER540910697US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: February 2, 2005

Signature: Staci Harris (Staci Harris)



Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

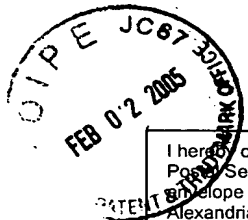
<b>Effective on 12/08/2004.</b> Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		<b>Complete if Known</b>	
<b>FEE TRANSMITTAL</b> <b>For FY 2005</b>		Application Number	09/869,554
		Filing Date	December 23, 1999
		First Named Inventor	Anna Orlefors
		Examiner Name	S. A. Sakelaris
		Art Unit	1634
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Attorney Docket No.	HO-P02216US0
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> 180.00		

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input checked="" type="checkbox"/> Check	<input type="checkbox"/> Credit Card
<input type="checkbox"/> Money Order	<input type="checkbox"/> None
<input type="checkbox"/> Other (please identify): _____	
<input type="checkbox"/> Deposit Account	Deposit Account Number: 06-2375
Deposit Account Name: Fulbright & Jaworski L.L.P.	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
<b>Application Type</b>	<b>FILING FEES</b>		<b>SEARCH FEES</b>		<b>EXAMINATION FEES</b>		<b>Fees Paid (\$)</b>
	<b>Fee (\$)</b>	<b>Small Entity Fee (\$)</b>	<b>Fee (\$)</b>	<b>Small Entity Fee (\$)</b>	<b>Fee (\$)</b>	<b>Small Entity Fee (\$)</b>	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
<b>Fee Description</b>						<b>Small Entity Fee (\$)</b>	<b>Fee (\$)</b>
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<b>Total Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>		
_____		_____	_____	_____	<b>Fee (\$)</b>		<b>Fee Paid (\$)</b>
<b>Indep. Claims</b>		<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>			
_____		_____	_____	_____			
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>		<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>		
_____	_____	_____ / 50 _____ (round up to a whole number) x _____		_____	_____		
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)						<b>Fees Paid (\$)</b>	
Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement						180.00	

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	45,872
Name (Print/Type)	Melissa W. Acosta	Telephone	(713) 651-5407
		Date	February 2, 2005

<b>Fee Transmittal</b>	
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER540910697US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: February 2, 2005	Signature:  (Staci Harris)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER540910697US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: February 2, 2005

Signature:

(Staci Harris)

Docket No.: HO-P02216US0  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Anna Orlefors et al.

Application No.: 09/869,554

Confirmation No.: 4792

Filed: December 23, 1999

Art Unit: 1634

For: METHOD FOR SEQUENCING DNA USING  
A MICROFLUIDIC DEVICE

Examiner: S. A. Sakelaris

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2375, under Order No. 10104789.

Dated: February 2, 2005

Respectfully submitted,

By 

Melissa W. Acosta

Registration No.: 45,872

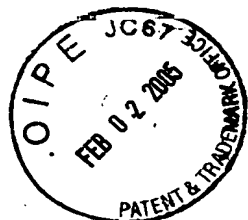
FULBRIGHT & JAWORSKI L.L.P.

1301 McKinney, Suite 5100

Houston, Texas 77010-3095

(713) 651-5151

(713) 651-5246 (Fax)



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

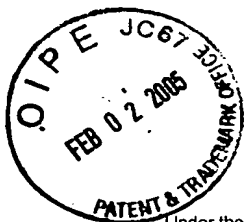
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/869,554
				Filing Date	December 23, 1999
				First Named Inventor	Anna Orlefors
				Art Unit	1634
				Examiner Name	S. A. Sakelaris
Sheet	1	of	2	Attorney Docket Number	HO-P02216US0

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-6,192,768	02-27-2001	LARS WALLMAN	
	AB	US-SN 09/937,533		Larsson et al.	
	AC	US-SN 10/169056		Andersson et al.	
	AD	US-SN 10/276282		Larsson et al.	
	AE	US-20040120856-A1	06-24-2004	Per Andersson	
	AF	US-20030053934-A1	03-20-2003	Per Andersson	
	AG	US-20030156763-A1	08-21-2003	Tobias Soderman	
	AH	US-20040096867-A1	05-20-2004	Per Andersson	
	AI	US-6,811,736	11-02-2004	Per Ohman	
	AJ	US-SN 10/402138		Kylberg et al.	
	AK	US-SN 09/958,577		Ulfendahl	
	AL	US-6,126,765	10-03-2000	OVE OHMAN	
	AM	US-6,322,682	11-27-2001	LARS-ERIK ARVIDSSON	
	AN	US-5,690,841	11-25-1997	HAKAN ELDERSTIG	
	AO	US-SN 09/830475		Stjernstrom	
	AP	US-SN 10/168942		Tooke et al.	
	AQ	US-6,812,457-A1	01-29-2004	Per Andersson	
	AR	US-6,728,644-A1	04-27-2004	Robert Bielik	
	AS	US-20030044322-A1	03-06-2003	Per Andersson	
	AT*	US-SN 10/957452		Ekstrand et al.	
	AU	US-20030054563-A1	03-20-2003	Magnus Ljungstrom	
	AV	US-SN 10/070912		Ohman et al.	
	AW	US-SN 10/402137		Kylberg et al.	
	AX	US-SN 10/030,297		Derand et al.	
	AY	US-6,203,291	03-20-2001	ERIK STEMME	
	AZ	US-6,620,478	09-16-2003	Ove Ohman	
	AA1	US-SN 10/924,151		Tooke et al.	
	AB1	US-SN 10/513,084		Holmquest et al.	
	AC1	US-SN 09/937,533		Derand et al.	
	AD1	US-SN 10/999,532		Ostlin et al.	
	AE1	US-SN 10/867,893		Derand et al.	
	AF1	US-SN 11/017,252		Derand et al.	
	AG1	US-5,995,209	11-30-1999	OVE OHMAN	
	AH1	US-20040202579	10-14-2004	Larsson et al.	
	AI1	US-SN 10/182792		Derand et al.	
	AJ1	US-6,653,625-A1	11-25-2003	Per Andersson	
	AK1	US-20030082075-A1	05-01-2003	Tomas Agren	
	AL1	US-20030213551-A1	11-20-2003	Helene Derand	
	AM1	US-20040099310-A1	05-27-2004	Per Andersson	
	AN1	US-20030129360-A1	07-10-2003	Helene Derand	
	AO1	US-6,454,970	09-24-2002	PER OHMAN	
	AP1	US-SN 10/450177		Ohman et al.	
	AQ1	US-SN 10/129,032		Tormod	
	AR1	US-6,632,656	10-14-2003	Nicholas Thomas	
	AS1	US-6,144,447	11-07-2000	OVE OHMAN	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/869,554
				Filing Date	December 23, 1999
				First Named Inventor	Anna Orlefors
				Art Unit	1634
				Examiner Name	S. A. Sakelaris
Sheet	2	of	2	Attorney Docket Number	HO-P02216US0

	AT1	US-20030094502-A1	05-22-2003	Per Andersson	
	AU1	US-5,962,081	10-05-1999	OVE OHMAN	
	AV1	US-SN 09/674,457		Larsson et al.	
	AW1	US-SN 10/069827		Derand et al	
	AX1	US-6,812,456-A1	11-02-2004	Per Andersson	
	AY1	US-SN 10/244667		Agren	
	AZ1	US-20030231312-A1	12-18-2003	Jan Sjoberg	
	AA2	US-SN 10/849321		Fielden et al	
	AB2	US-20030211012-A1	11-13-2003	Marten Bergstrom	
	AC2	US-20030047823-A1	03-13-2003	Per Ohman	
	AD2	US-6,717,136-A1	04-06-2004	Per Andersson	
	AE2	US-SN 10/111,822		Tooke et al.	
	AF2	US-20040058408-A1	03-25-2004	Nicholas Thomas	
	AG2	US-5,773,488	06-30-1998	KLAS ALLMER	
	AH2	US-5,376,252	12-27-1994	BJORN EKSTROM	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See attached Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
			T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Attorney Docket No.: HO-P02216US0

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. ER540910697US in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on February 2, 2005  
Date

Stan V. Harris

**Signature**

**Staci Harris**

Typed or printed name of person signing Certificate

Registration Number, if applicable

(713) 651-5273  
Telephone Number

**Note:** Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (2 pages)  
IDS (Citation) by Applicant  
Information Disclosure Statement  
Transmittal  
Check in the amount of \$180.00